

T E N N E S S E E
Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2016, Tennessee

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Hydro-electric Power ^{f,g} Million Kilowatt-hours	Biomass		Geo-thermal ^g	Solar ^{g,i}	Retail Electricity Sales	Net Energy ^{g,k}	Electrical System Energy Losses ^l	Total ^{g,k}
			Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total		Wood and Waste ^{g,h}	Losses and Co-products ⁱ			Million Kilowatt-hours			
															Thousand Barrels			
1960	3,301	139	5,290	1,311	570	27,268	188	7,623	42,250	0	--	--	--	--	38,994	--	--	--
1970	2,999	239	10,952	3,182	3,335	41,869	597	11,692	71,627	0	--	--	--	--	52,070	--	--	--
1980	3,008	229	18,770	2,787	4,154	54,948	1,499	9,367	91,524	0	--	--	--	--	73,391	--	--	--
1990	4,064	219	24,270	2,906	4,181	58,001	307	11,028	100,693	0	--	--	--	--	77,145	--	--	--
2000	3,461	265	26,988	5,514	12,857	68,862	66	13,028	127,314	520	--	--	--	--	95,728	--	--	--
2001	3,715	254	27,699	4,469	12,561	68,392	150	16,044	129,316	404	--	--	--	--	96,131	--	--	--
2002	3,404	253	29,287	5,837	13,442	71,963	135	14,824	135,489	656	--	--	--	--	98,233	--	--	--
2003	3,488	252	32,488	4,278	13,376	72,552	255	14,783	137,731	917	--	--	--	--	97,457	--	--	--
2004	3,303	229	32,999	4,614	13,623	72,968	342	15,728	140,273	759	--	--	--	--	99,661	--	--	--
2005	3,182	225	34,410	4,557	13,915	74,371	360	17,506	145,120	772	--	--	--	--	103,905	--	--	--
2006	3,059	215	33,884	4,687	14,207	74,910	189	18,553	146,429	581	--	--	--	--	103,932	--	--	--
2007	3,064	214	35,037	4,069	13,811	76,076	175	16,406	145,574	0	--	--	--	--	106,717	--	--	--
2008	3,031	226	30,576	3,381	12,669	73,658	205	15,806	136,295	0	--	--	--	--	104,170	--	--	--
2009	2,615	213	26,836	3,317	11,179	75,984	40	10,375	127,731	0	--	--	--	--	94,910	--	--	--
2010	2,744	235	28,954	3,679	12,338	76,566	6	R 10,502	R 132,045	0	--	--	--	--	103,522	--	--	--
2011	2,648	238	29,348	3,199	12,254	75,478	25	R 10,915	R 131,219	0	--	--	--	--	100,733	--	--	--
2012	2,516	214	27,857	2,361	11,475	74,601	67	R 10,196	R 126,558	623	--	--	--	--	96,381	--	--	--
2013	2,549	243	27,601	2,567	11,220	75,545	64	R 11,410	R 128,407	1,074	--	--	--	--	96,944	--	--	--
2014	2,370	261	29,368	2,892	11,318	76,299	41	R 11,466	R 131,385	0	--	--	--	--	100,219	--	--	--
2015	2,141	244	29,446	2,625	11,940	R 78,431	36	R 11,714	R 134,192	0	--	--	--	--	99,632	--	--	--
2016	1,913	242	28,723	2,504	13,496	81,603	21	12,061	138,408	0	--	--	--	--	100,758	--	--	--

Trillion Btu

1960	82.7	144.3	30.8	5.1	3.1	143.2	1.2	44.9	228.3	0.0	45.4	NA	NA	NA	133.0	633.7	329.0	962.7
1970	71.0	244.2	63.8	12.2	18.8	219.9	3.8	70.8	389.3	0.0	53.8	NA	NA	NA	177.7	935.8	429.8	1,365.6
1980	72.8	232.2	109.3	10.5	23.4	288.6	9.4	57.4	498.7	0.0	69.3	NA	NA	NA	250.4	1,123.4	601.6	1,725.0
1990	102.2	226.9	141.4	10.9	23.6	304.7	1.9	69.4	551.9	0.0	56.5	2.2	(s)	0.1	263.2	1,205.1	587.0	1,792.0
2000	90.3	275.3	157.0	20.7	72.9	359.0	0.4	81.7	691.9	5.3	52.4	2.3	(s)	0.1	326.6	1,444.2	737.7	2,181.9
2001	95.4	262.9	161.2	16.8	71.2	356.6	0.9	99.5	706.2	4.2	63.9	2.6	0.1	(s)	328.0	1,463.3	734.2	2,197.5
2002	88.5	261.0	170.4	21.8	76.2	375.0	0.9	91.7	736.1	6.7	63.1	3.6	0.1	(s)	335.2	1,494.2	728.6	2,222.9
2003	90.4	260.0	189.0	16.2	75.8	377.5	1.6	91.6	751.7	9.3	57.9	4.2	0.1	(s)	332.5	1,506.2	734.7	2,240.9
2004	85.7	236.4	192.0	17.4	77.2	379.5	2.1	95.8	764.1	7.6	71.4	3.8	0.1	(s)	340.0	1,509.2	761.2	2,270.3
2005	82.4	232.6	200.2	17.1	78.9	386.6	2.3	107.8	792.8	7.7	64.7	3.6	0.1	(s)	354.5	1,538.6	777.4	2,316.0
2006	79.2	223.2	196.6	17.5	80.6	388.9	1.2	112.8	797.5	5.8	56.9	3.6	0.1	(s)	354.6	1,521.0	794.0	2,315.0
2007	79.4	222.0	202.7	15.2	78.3	392.2	1.1	99.7	789.2	0.0	56.2	3.8	0.1	(s)	364.1	1,514.8	830.3	2,345.1
2008	79.0	233.9	176.7	12.8	71.8	377.6	1.3	95.7	735.9	0.0	65.9	4.6	0.1	(s)	355.4	1,474.9	809.9	2,284.8
2009	68.4	219.2	155.1	12.6	63.4	387.6	0.3	63.4	682.4	0.0	54.8	9.4	0.2	(s)	323.8	1,358.3	727.2	2,085.5
2010	71.7	240.8	167.3	14.1	70.0	388.8	(s)	R 64.4	R 704.5	0.0	R 60.8	10.3	0.2	(s)	353.2	R 1,441.6	809.8	R 2,251.3
2011	68.7	241.5	169.5	12.3	69.5	382.5	0.2	R 67.2	R 701.1	0.0	R 58.3	12.3	0.2	0.1	343.7	R 1,425.8	774.7	R 2,200.5
2012	65.5	217.4	160.8	9.1	65.1	377.7	0.4	R 62.6	R 675.6	5.9	R 62.6	11.7	0.2	0.1	328.9	R 1,367.9	717.7	R 2,085.7
2013	66.2	247.4	159.2	9.8	63.6	382.4	0.4	R 69.3	R 684.8	10.3	R 64.8	12.2	0.2	0.5	330.8	R 1,417.2	721.4	R 2,138.7
2014	62.0	267.9	169.4	11.1	64.2	386.1	0.3	R 69.6	R 700.6	0.0	R 67.4	12.4	0.2	0.6	341.9	R 1,453.1	753.1	R 2,206.2
2015	56.1	R 252.3	169.8	10.1	67.7	R 396.9	0.2	R 71.0	R 715.7	0.0	R 65.1	12.0	0.2	0.6	339.9	R 1,441.9	738.0	R 2,179.9
2016	50.5	251.0	165.6	9.6	76.5	412.8	0.1	73.3	738.0	0.0	61.6	11.9	0.2	0.8	343.8	1,457.9	753.4	2,211.3

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^g There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^h Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
ⁱ Losses and co-products from the production of fuel ethanol.
^j Solar thermal and photovoltaic energy. Includes a small amount of wind energy consumed by commercial and industrial utility-scale facilities.

^k Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.
^l Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology. -- = Not applicable. NA = Not available.
 Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
 Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
 Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.